HT-647HRTP
540 Line Color Dome Camera
Wall & Ceiling Mountable
Chameleon Cover Included

speco technologies®

Please read this manual thoroughly before operation and keep it handy for further reference.

PACKAGE CONTENTS

- **Please make sure that the following items are included in the package:**

  1 HT-647HRTP Camera

  4 Mounting Screws

  1 Chameleon Dome Cover

  1 Video Test Lead

  Please leave this manual with the end-user for future reference.

PRECAUTIONS

- **This dome camera should be only installed by qualified personnel**

- **To prevent a fire or electrical hazard please use proper power cable**

- **The dome cover should be treated with care**

- **Do not clean the cover with an abrasive cleaning material-please use a soft cloth or tissue to clean the dome cover**

- **There are no user-adjustable parts inside. Please do not disassemble this camera other than to make initial adjustments.**

- **Please use a UL approved regulated 12-volt DC power supply**

- **Please use appropriate low voltage power cable to prevent fire or electrical shock.**

- **Please insure that your installation area can support the weight of the camera.**

- **Please handle this camera carefully:**
  - **Don't use a strong or abrasive detergent when cleaning the camera.**
  - **Don't expose the camera to direct sun**

CAMERA INSTALLATION

Connections :

1. Apply 12-Volts DC (constant voltage 300mA or better)
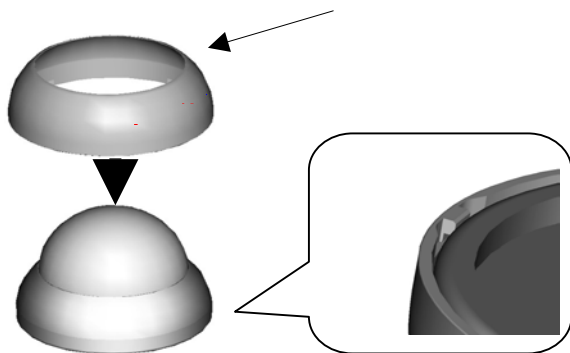   -CONNECT POWER TO THE POWER JACK.

POWER INPUT:RED   CONNECT

CENTER:(+)

POWER SUPPLY
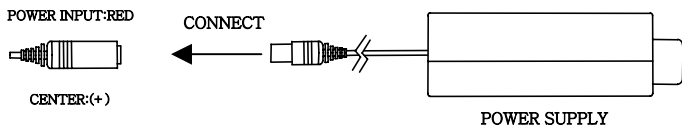
2. CONNECT VIDEO CABLE
   -CONNECT BNC CABLE TO THE BNC JACK.

YELLOW:VIDEO OUT
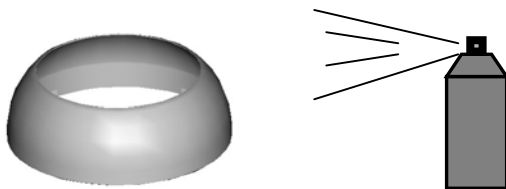
CHAMELEON DOME INSTALLATION

3. If desired, place the Chameleon Dome over the HT-647HRTP

Push the Chameleon Dome over the HT-647HRTP until it snaps into position.

● **Notes : If painting is desired, please do so before installation**

* Painting method on Chameleon Dome

* Spray the Chameleon Dome with your desired color
* If necessary apply a second coat

SLC

When the image is in front of strong background lighting,
your camera allows you to get the clear image.

INTENSIFIER

1/3 inch density CCD and digital processor permit
high quality pictures to be captured in very low light
condition.

High Resolution

Horizontal resolution of 540 TV lines is
achieved by using a SONY Double Speed CCD with
410,000 pixels, yielding pictures with a high S/N ratio..

Motion Detection

Built in motion detector with adjustable areas of coverage will
flash a warning on the screen when motion is detected.

OSD

All camera functions are menu driven for easy use.

Dynamic Noise Reduction

The Intensifier camera has a DSP chip that can remove image noise efficiently showing clean images in low light conditions.
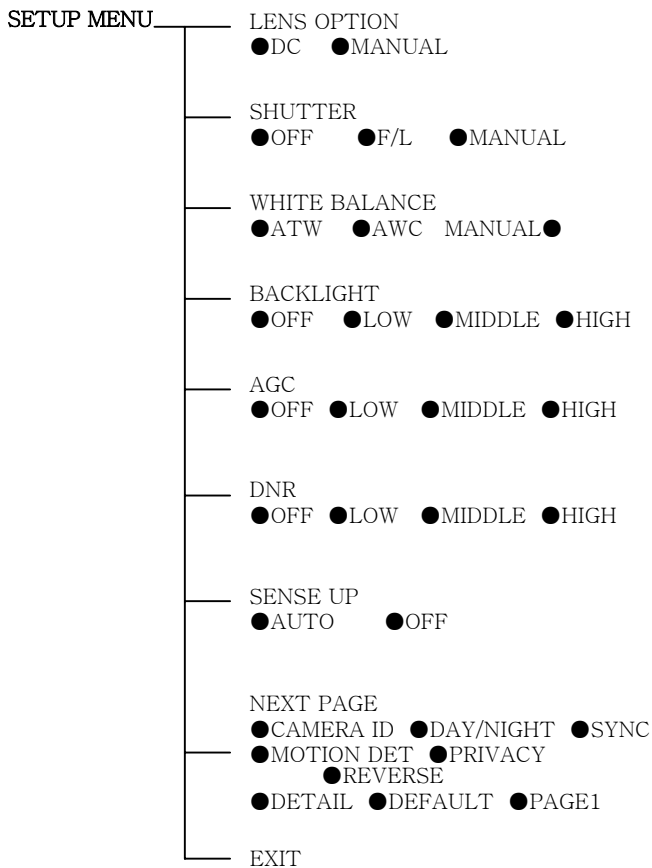
ELECTRONIC DAY/NIGHT

The Intensifier camera can show color pictures in all lighting conditions, or you can have it automatically switch to a B/W picture in low light conditions

MANUAL / AUTO IRIS LENS

The Intensifier camera will work with auto iris, manual iris and fixed iris lenses.

OSD Function

SETUP MENU ——— LENS OPTION
●DC ●MANUAL

——— SHUTTER
●OFF ●F/L ●MANUAL

——— WHITE BALANCE
●ATW ●AWC MANUAL●

——— BACKLIGHT
●OFF ●LOW ●MIDDLE ●HIGH

——— AGC
●OFF ●LOW ●MIDDLE ●HIGH

——— DNR
●OFF ●LOW ●MIDDLE ●HIGH

——— SENSE UP
●AUTO ●OFF

——— NEXT PAGE
●CAMERA ID ●DAY/NIGHT ●SYNC
●MOTION DET ●PRIVACY
●REVERSE
●DETAIL ●DEFAULT ●PAGE1

——— EXIT
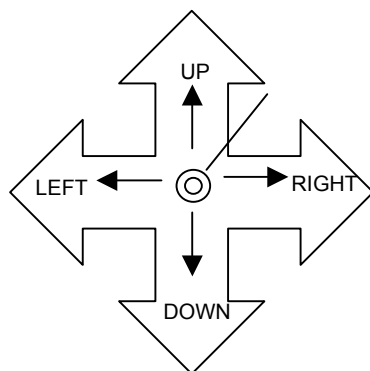
Push the Joy stick for one second, and the OSD appears on the screen. Move the Joy Stick up, down, left & right to control the OSD functions.
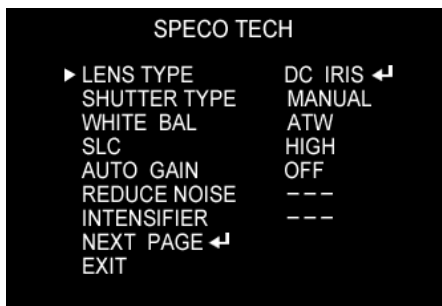
1. Press the SET button (JOYSTICK) to access the SETUP mode.

➡ SET UP menu is displayed on the monitor screen.

```
              SPECO TECH

   ▶ LENS TYPE        DC  IRIS ↵
     SHUTTER TYPE      MANUAL
     WHITE  BAL        ATW
     SLC               HIGH
     AUTO  GAIN        OFF
     REDUCE NOISE      – – –
     INTENSIFIER       – – –
     NEXT  PAGE ↵
     EXIT
```

2. Select the desired feature using the UP or DOWN button.

➡ Each time you press the UP or DOWN button, the arrow
indicator moves up or down.
Move the arrow indicator to the desired feature item.

3. Change the status of the selected feature using the LEFT or

RIGHT button.

➡ If you press RIGHT or LEFT button, it appears available status.
Press the button when gets desired feature.

4. When completed, move the arrow indicator to 'EXIT" and press

the SET button.

● **Notes**
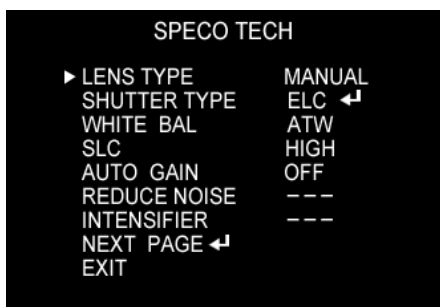
You can access submenu using SET button.
For the mode with '– – –', you may not access submenu.

● Operating your camera – SETUP LENS

1) Setting up the LENS

Select the lens pressing the RIGHT button.

① On the SETUP menu screen, move the arrow indicator to the lens using the UP or DOWN button.

② Select LENS TYPE as 'MANUAL' using the LEFT or RIGHT button.

```
              SPECO TECH
      ▶ LENS TYPE        MANUAL
        SHUTTER TYPE     ELC ↵
        WHITE  BAL       ATW
        SLC              HIGH
        AUTO  GAIN       OFF
        REDUCE NOISE     – – –
        INTENSIFIER      – – –
        NEXT  PAGE ↵
        EXIT
```

2) Shutter status and speed control

You can control brightness of the screen by the shutter speed.

① Press the SET button to display the setup menu and move the arrow indicator to 'SHUTTER' using the UP or DOWN button.
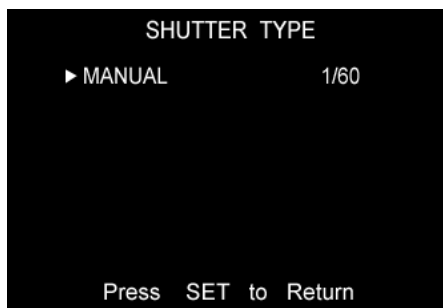② Set 'SHUTTER' to the desired mode using the LEFT or RIGHT button.

▶ OFF : Deactivation

▶ FLK(1/100) : Flicker mode

▶ MANUAL : When setting the shutter speed manually.
You can select speed from '1/60' to '1/200,000'sec

SPECO TECH

LENS TYPE   MANUAL
▶ SHUTTER TYPE   MANUAL↵
WHITE BAL   ATW
SLC   HIGH
AUTO GAIN   OFF
REDUCE NOISE   ---
INTENSIFIER   ---
NEXT PAGE ↵
EXIT

SHUTTER TYPE

▶ MANUAL   1/60

Press SET to Return

▶ESC : You can control the BRIGHTNESS.

```
          SPECO TECH
   LENS TYPE         MANUAL
 ▶ SHUTTER TYPE      ELC ◀┘
   WHITE  BAL        ATW
   SLC               HIGH
   AUTO  GAIN        OFF
   REDUCE NOISE      – – –
   INTENSIFIER       – – –
   NEXT  PAGE ◀┘
   EXIT
```

```
          Brightness

 ▶ BRIGHTNESS   |ͫͫͫͫͫͫͫͫ|ͫͫͫͫͫͫͫͫ| 35




       Press  SET  to  Return
```
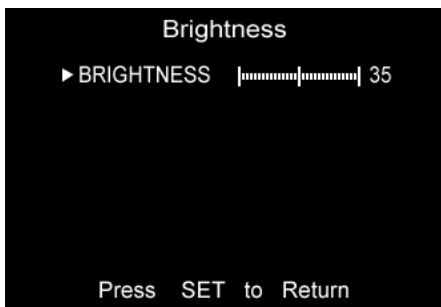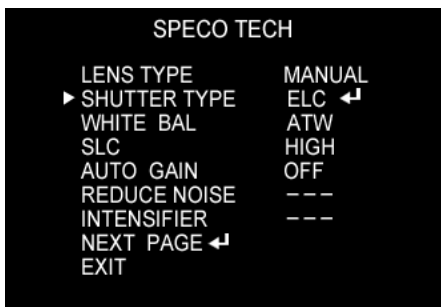
③When completed, press 'SET'

● **Notes**

Avoid pointing the camera directly at a fluorescent lamp

When the SHUTTER menu is set to FLK mode, the INTENSIFIER will not work.

3) SLC (Speco Light Compensation) – BACKLIGHT

A built-in SR chip provides intelligent light level control to overcom
e
severe Backlight conditions.

① Press the SET button to display the SETUP menu and move the arrow
   indicator to 'BACKLIGHT' using the UP or DOWN button.
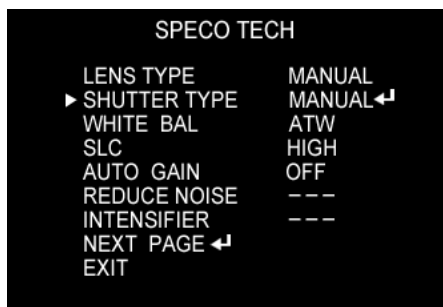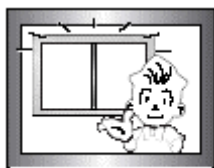② SET 'BACKLIGHT' to the desired mode using the LEFT or RIGHT button.

▶OFF   ▶LOW   ▶MIDDLE   ▶HIGH


```
              SPECO TECH
     LENS TYPE           DC ↵
     SHUTTER TYPE        – – –
     WHITE  BAL          ATW
   ▶ SLC                 HIGH
     AUTO  GAIN          OFF
     REDUCE NOISE        – – –
     INTENSIFIER         – – –
     NEXT  PAGE ↵
     EXIT
```


BLC   OFF

4) AUTO GAIN CONTROL (AGC)

AGC allows a brighter picture in low light conditions. Higher GAIN level will yield a brighter screen but you might notice an increase in noise.
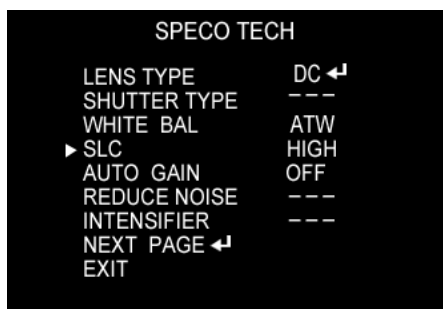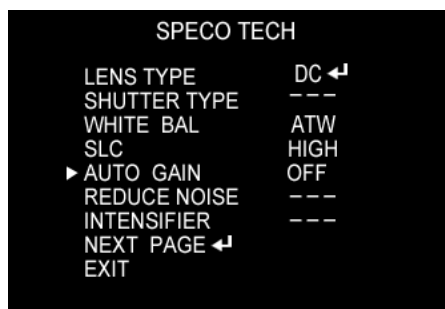
① Press the SET button to display the SETUP menu and move the arrow indicator to 'AGC' using the UP or DOWN button.

② SET 'BACKLIGHT' to the desired mode using the LEFT or RIGHT button.

▶OFF   ▶LOW   ▶MIDDLE   ▶HIGH

```
               SPECO TECH
        LENS TYPE          DC ↵
        SHUTTER TYPE       – – –
        WHITE  BAL         ATW
        SLC                HIGH
      ▶ AUTO  GAIN         OFF
        REDUCE NOISE       – – –
        INTENSIFIER        – – –
        NEXT  PAGE ↵
        EXIT
```

5) WHITE BALANCE

① Press the SET button to display the SETUP menu and move the arrow
indicator to 'WHITE BALANCE' using the UP or DOWN button.
② Set 'WHITE BAL.' to the desired mode using LEFT or RIGHT button.

```
               SPECO TECH
    LENS TYPE          DC  ↵
    SHUTTER TYPE       – – –
  ▶ WHITE  BAL         AWC ↵
    SLC                HIGH
    AUTO  GAIN         OFF
    REDUCE NOISE       – – –
    INTENSIFIER        – – –
    NEXT  PAGE ↵
    EXIT
```

▶ ATW (Auto Tracking White Balance)
: When color temperature is 2400~12000K, select this
mode.
(ex. A fluorescent lamp, outdoor).
This is the best setting for most conditions.

▶ AWC (Auto White Balance Control)
: The white balance is automatically adjusted in a specific environment.
In order to obtain the best result, press the set button while the camera
focuses on white paper. If the environment including the light source is
changed, you have to adjust the white balance again.

▶MANUAL : To fine adjust, select the Manual mode. You can increase or decrease the red or blue factor while monitoring the difference on the screen. Set to 'MANUAL' mode and press the SET button. Increase or decrease the value for RED(R-Gain) and BLUE(B-Gain), watching the color of the picture, and press the SET button when you obtain the best color.

● Notes

Proper White Balance may not be obtained under the following conditions
in these cases select the AWC mode.

When the scene contains mostly high color temperature object, such as a blue sky or sunset.
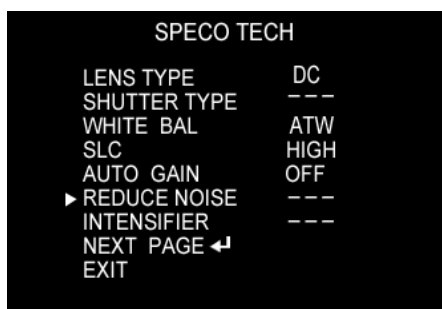
When the scene is dim.

If your camera faces fluorescent lamp directly or is installed in the place
of the changing illumination.

6) REDUCE NOISE (Dynamic Noise Reduction)

DNR is to reduce the noise on the screen.

① Press the SET button to display the SETUP menu and move the
   arrow indicator to 'DNR' using the UP or DOWN button.
② SET 'REDUCE NOISE' to the desired mode using the LEFT
   or RIGHT button.

```
                SPECO TECH
     LENS TYPE          DC
     SHUTTER TYPE       ---
     WHITE  BAL         ATW
     SLC                HIGH
     AUTO  GAIN         OFF
   ▶ REDUCE NOISE       ---
     INTENSIFIER        ---
     NEXT  PAGE ↵
     EXIT
```

▶ OFF : Deactivation

▶ LOW : Low reduction of the noise

▶ MIDDLE : Middle reduction of the
          noise

▶ HIGH : High reduction of the noise

● **Notes**

If you change the 'GAIN' menu from AGC-L to AGC-H
sensitivity is increased as well as noise on the screen.

When selected 'GAIN' menu OFF, DNR will not work.

7) INTENSIFIER

Allows you to get clear images with this function under night
or low light conditions

① Press the SET button to display the SETUP menu and move the
   arrow indicator to 'SENCE UP' using the UP or DOWN button.
② SET 'INTENSIFIER' to the desired mode using the LEFT or RIGHT button.

```
              SPECO TECH

  LENS TYPE        DC
  SHUTTER TYPE     ---
  WHITE  BAL       ATW
  SLC              HIGH
  AUTO  GAIN       OFF
  REDUCE NOISE     ---
 ▶INTENSIFIER      ---
  NEXT  PAGE ↵
  EXIT
```

▶ AUTO : When your camera is under night or low-lighting
          level, select this mode. This mode allows the
          camera to switch into B/W in low light conditions.

● **Notes**

If you press SETUP button at 'AUTO' menu, you can control the
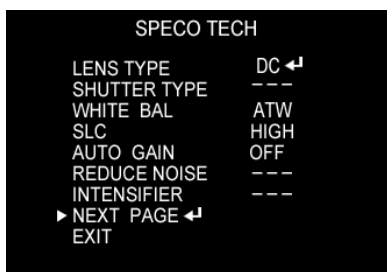lowlight action maximum magnifications.(X2~X128)

Increasing the amount of Intensification results in brighter pictures
Under low light conditions, and may increase image lag.

Increasing the amount of intensification may cause image noise
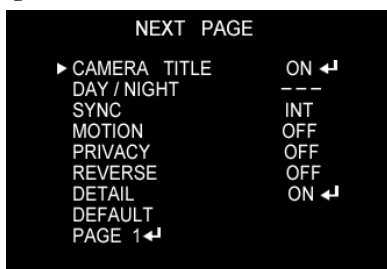which is to be expected as a normal condition.

8) NEXT PAGE

① Press the SET button to display the SETUP menu and move the
arrow indicator to 'SENCE UP' using the UP or DOWN button.
② SET 'NEXT PAGE' to the desired mode using the LEFT or RIGHT button.

```
            SPECO TECH

   LENS TYPE           DC ↵
   SHUTTER TYPE        ---
   WHITE  BAL          ATW
   SLC                 HIGH
   AUTO  GAIN          OFF
   REDUCE NOISE        ---
   INTENSIFIER         ---
 ▶ NEXT  PAGE ↵
   EXIT
```

(A) CAMERA TITLE

① Press the SET button to display the SETUP menu and move the arrow
indicator to 'CAMERA ID' using the UP or DOWN button.
② SET 'ON' using the LEFT or RIGHT button.

```
            NEXT  PAGE

 ▶ CAMERA  TITLE       ON ↵
   DAY / NIGHT         ---
   SYNC                INT
   MOTION              OFF
   PRIVACY             OFF
   REVERSE             OFF
   DETAIL              ON ↵
   DEFAULT
   PAGE  1↵
```

● **Notes**

If the CAMERA ID feature is set to 'OFF', the name will not displayed
in the monitor.

③ Press SET button to access the SETUP mode.
④ You can enter up to 15 characters.

a. Move the cursor to character-enter location by using the LEFT
   or RIGHT button.
b. Select the desired character by using the UP or DOWN button.
c. Press SET button to confirm the blinking character. The first
   character is saved and the cursor in the bottom of the screen
   moves to the next position.
d. Repeat steps a, b and c until you create the full name you want.
e. Select the position at which the CAMERA ID will b located on
   the screen.

-Move the cursor to 'POS' and press SET button.
-Select the position by using the 4-directional buttons, then press
 the SET button to confirm the position.
f. When completed, move the cursor to 'END' and press SET button.

● **Notes**

If you make a mistake while entering a name move the cursor " CLR".
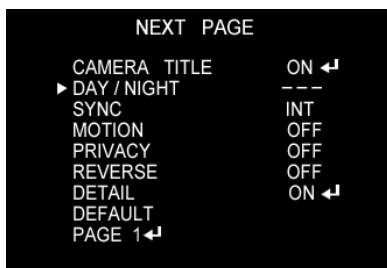Press "SET" button.

After erasing the character from right to left, correct the character
again.

B) COLOR

You can choose color and B/W mode electronically.

① Press the SET button to display the SETUP menu and move the
   arrow indicator to 'SENCE UP' using the UP or DOWN button.
② SET 'SENCE UP' to the desired mode using the LEFT or RIGHT button.

```
            NEXT  PAGE

    CAMERA  TITLE      ON ↵
  ▶ DAY / NIGHT        – – –
    SYNC               INT
    MOTION             OFF
    PRIVACY            OFF
    REVERSE            OFF
    DETAIL             ON ↵
    DEFAULT
    PAGE 1↵
```

▶ COLOR : The camera will always display a color picture

▶ AUTO : The camera will switch into B/W mode under
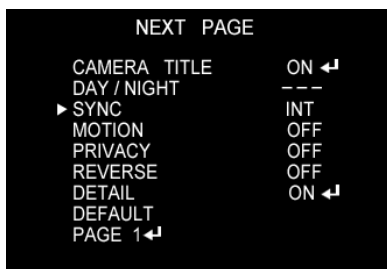   low light conditions.

● **Notes**

OSD Key may not work for 3 seconds for the stable when COLOR/ BW
mode is changed

C) SYNC

Two SYNCHRONIZATION modes are available INTERNAL and EXTERNAL LINE-LOCK

① Press the SET button to display the setup menu and move the arrow indicator
   to 'SYNC' using the UP and DOWN button.
② SET to the desired mode using the LEFT or RIGHT button.

```
              NEXT  PAGE

        CAMERA  TITLE      ON ↵
        DAY / NIGHT        - - -
      ▶ SYNC               INT
        MOTION             OFF
        PRIVACY            OFF
        REVERSE            OFF
        DETAIL             ON ↵
        DEFAULT
        PAGE  1↵
```

▶ INT : Internal synchronization

▶ L/L : If you choose 'L/L', you can adjust the desired phase.
        - Press the SET button.
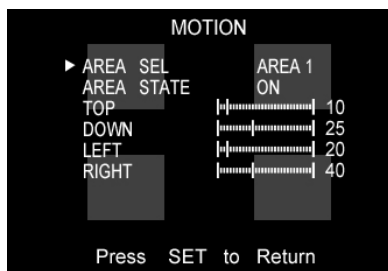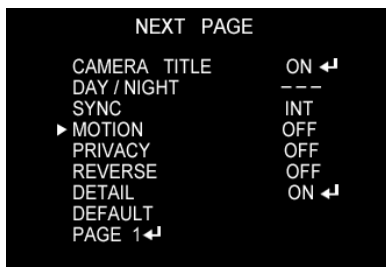   - You can adjust the desired phase from 0 to 270.

● **Notes**

When it used in 24V AC power the L/L mode can be used.

In DC12V, the SYNC menu defaults to " internal.

● Operating your camera – MOTION DETECTION

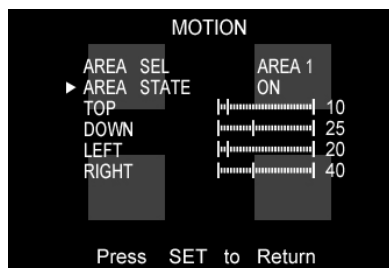### D) Whenever your camera detects motion, THE WORDS "motion detected' will appear on the screen.

① Press the SET button to display the setup menu and move the arrow indicator to 'MOTION DET' using the UP and DOWN button.
② SET 'MOTION DET' to the desired mode using the LEFT or RIGHT button.

```
              NEXT  PAGE

     CAMERA  TITLE       ON ↵
     DAY / NIGHT         – – –
     SYNC                INT
   ▶ MOTION              OFF
     PRIVACY             OFF
     REVERSE             OFF
     DETAIL              ON ↵
     DEFAULT
     PAGE 1↵
```

```
               MOTION

   ▶ AREA  SEL          AREA 1
     AREA  STATE        ON
     TOP          |·|············| 10
     DOWN         |············| 25
     LEFT         |·|············| 20
     RIGHT        |············| 40


       Press  SET  to  Return
```
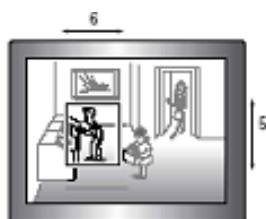
▶OFF : Deactivation

▶ON : MOTION DET. Activated

　　- Press SET button.
　　- Move the arrow indicator to 'AREA SET' using UP and
　　　DOWN button, and then press the SET button.
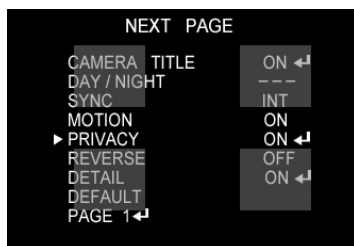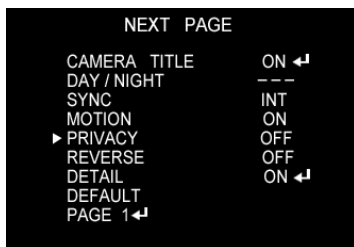　　- Set the areas you want to observe.

MOTION

AREA SEL	AREA 1
▶ AREA STATE	ON
TOP	10
DOWN	25
LEFT	20
RIGHT	40

Press SET to Return

Max.

Min.

E) PRIVACY
To mask an area that you want to be private.

① Press the SET button to display the setup menu and move the arrow indicator to 'PRIVACY' using the UP and DOWN button.
② SET 'PRIVACY' to the desired mode using the LEFT or RIGHT button.

▶OFF : Deactivation
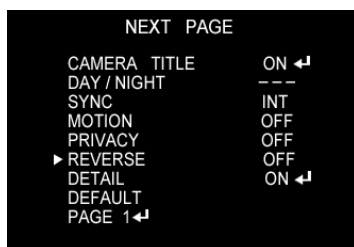
▶ON : PRIVACY mode activated
　-Press the SET button.
　-Move the arrow indicator to area you want to mask.
　-Set 'ON' using LEFT or RIGHT button.
　-Press the SET button and then set the area's bounds
　　as for Motion detection

F) REVERSE

① Press the SET button to display the setup menu and move the arrow
   indicator to 'REVERSE' using the UP and DOWN button.
② SET 'REVERSE' to the desired mode using the LEFT or RIGHT button.

```
            NEXT  PAGE

    CAMERA  TITLE       ON ↵
    DAY / NIGHT         – – –
    SYNC                INT
    MOTION              OFF
    PRIVACY             OFF
  ▶ REVERSE             OFF
    DETAIL              ON ↵
    DEFAULT
    PAGE  1 ↵
```

▶ OFF : Deactivation

▶ ON : Reverse the image RIGHT or LEFT.

F) DETAIL

① Press the SET button to display the setup menu and move the arrow
   indicator to 'DETAIL' using the UP and DOWN button.
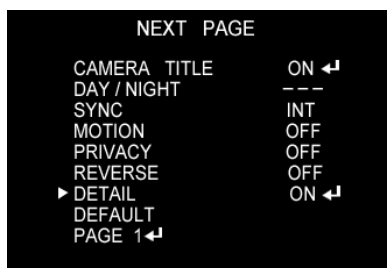② SET 'DETAIL' to the desired mode using the LEFT or RIGHT button.

```
                    NEXT  PAGE

          CAMERA  TITLE      ON ↵
          DAY / NIGHT        – – –
          SYNC               INT
          MOTION             OFF
          PRIVACY            OFF
          REVERSE            OFF
        ▶ DETAIL             ON ↵
          DEFAULT
          PAGE  1↵
```

```
                     DETAIL

        ▶ LEVEL       |▬▬▬▬▬|▬▬▬▬▬| 8




              Press  SET  to  Return
```

▶ OFF : Deactivation

▶ ON : DETAIL control mode (level 0~31)
        When the level is up, the sharpness will increase.
        Control this level to get your best picture quality.
        If the level is too high, you can get an unnatural image
        with video noise.

G) DEFAULT

: Use to reset your camera to FACTORY DEFAULT SETTING.

H) PAGE 1

: PAGE 1 : Save the setting of NEXT PAGE function, and then
   move to SET UP menu.

SPECIFICATIONS

ITEM	HT-647HRTP
Power Source	12 Volts DC - Regulated
Power Consumption	230mA (DC)
Image Sensor	1/3", SONY SUPER HAD CCD, 410,000 pixels
Total Pixels	811(H) x 508(V) , 1/3" CCD
Effective Pixels	768(H) x 494(V) , 1/3" CCD
Maximum Aperture Ratio	1 : 1.3
Scanning System	2 : 1 Interlaced 525 Lines / 60 Fields / 30 Frames
Synchronization	Internal – Crystal Controlled
Video Output	1.0V [p-p] NTSC Composite, 75Ω / BNC Connector
Resolution	540 TV Line
Gain Control	AGC-L, AGC-H, OFF selectable
Electric Shutter Speed	1/60 ~ 1/200,000 sec
INTENSIFIER	Built-in (selectable limit ~ X128)
WHITE BALANCE	ATW / AWC / MANUAL
Min. Illumination	0.002Lux (intensifier) 0.3Lux(sh)
S/N (Y signal)	50dB (Weight On)
REDUCE NOISE	OFF / LOW / MIDDLE / HIGH
Motion Detection	MD1 / MD2 / OFF
On Screen Display (O.S.D)	Built - in
PRIVACY Function	ON / OFF (4 Programmable Zone)
Operational Temperature	-10℃ ~ +50℃ (14℉ ~122℉)
Operational Humidity	30% ~90% RH

DIMENSIONS

* SIDE VIEW

HIGH IMPACT DOME

78

* TOP VIEW

DIA 80

DIA 110
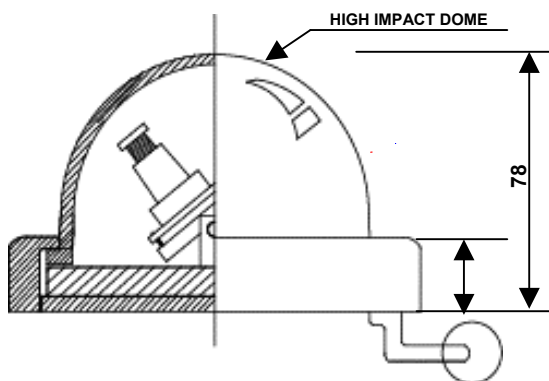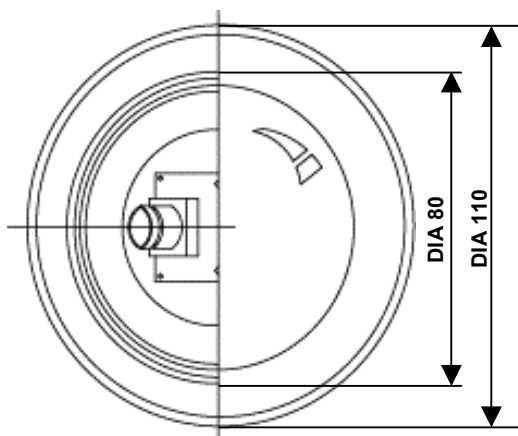
WARRANTY

PRO VIDEO™ speco technologies®

LIMITED WARRANTY

THIS WARRANTY IS VALID ONLY ON PRODUCTS PURCHASED AND USED IN THE UNITED STATES OF AMERICA.
THIS WARRANTY APPLIES ONLY TO THE ORIGINAL USER.

SUBJECT TO CONDITIONS AND EXCLUSIONS FOUND BELOW, THIS PRODUCT IS WARRANTED AGAINST MANUFACTURING
DEFECTS IN MATERIAL AND WORKMANSHIP FOR THE FOLLOWING PERIOD FOR PARTS AND LABOR:

SPECO TECHNOLOGIES CAMERAS:	5 YEARS
SPECO TECHNOLOGIES MONITORS:	1 YEAR
BALANCE OF SPECO TECHNOLOGIES LINE:	1 YEAR*
* IR LEDs,Time lapse VCR Drum Assemblies & Heads:	90-DAYS

SPECO TECHNOLOGIES WILL REPAIR OR REPLACE (AT OUR DISCRETION) ANY PARTS FOUND TO BE DEFECTIVE FOR THE
WARRANTY PERIOD SPECIFIED. WE WILL PROVIDE A REPLACEMENT FOR ANY DEFECTIVE PART.

CONDITIONS

1. YOU MUST OBTAIN A RETURN AUTHORIZATION NUMBER FOR ANY MERCHANDISE BEING RETURNED TO
SPECO TECHNOLOGIES, WHETHER FOR RETURN/EXCHANGE OR REPAIR, WHETHER IN OR OUT OF
WARRANTY.

2. THIS WARRANTY WILL BE HONORED ONLY UPON PRESENTATION OF THE ORIGINAL DATED BILL OF SALE OR SALES SLIP.

3. TRANSPORTATION OF THE PRODUCT TO OUR SERVICE DEPARTMENT IS THE RESPONSIBILITY OF THE USER.
REPAIRED OR REPLACED PRODUCT WILL BE RETURNED PREPAID DURING THE WARRANTY PERIOD.

EXCLUSIONS

1. THIS WARRANTY SHALL NOT COVER ADJUSTMENT OF CUSTOMER OPERATED CONTROLS AS EXPLAINED IN THE APPROPRIATE
MODEL'S INSTRUCTION MANUAL OR PRODUCTS WHICH HAVE BEEN ALTERED, ABUSED, OR HAVE MISSING OR ALTERED SERIAL
NUMBERS.

2. THIS WARRANTY SHALL NOT APPLY TO UNCRATING, SETUP, INSTALLATION, OR THE REMOVAL AND REINSTALLATION
OF PRODUCTS AFTER REPAIR.

3. THIS WARRANTY SHALL NOT APPLY TO REPAIRS OR REPLACEMENTS NECESSITATED BY ANY CAUSE BEYOND THE RESULT OF
MANUFACTURE INCLUDING, BUT NOT LIMITED TO, ANY MALFUNCTION, DEFECTS OR FAILURE CAUSED BY OR RESULTING FROM
UNAUTHORIZED SERVICE OR PARTS, IMPROPER MAINTENANCE, MODIFICATION OR REPAIR BY THE USER, ABUSE, MISUSE, NEGLECT,
ACCIDENT, FIRE, FLOOD, OR OTHER ACTS OF NATURE, INCORRECT LINE VOLTAGE, DAMAGE OR IMAGE BURNS TO TELEVISION
PICTURE TUBES CAUSED BY OR ATTRIBUTABLE TO THE USE OF ANY ACCESSORY, ELECTRONICS GAME OR DEVICE, OR DAMAGE
CAUSED TO IMAGE PICKUP DEVICES BY EXCESSIVE LIGHT.

THE FOREGOING IS IN LIEU OF ALL OTHER EXPRESSED WARRANTIES AND WE DO NOT AUTHORIZE ANY PARTY TO
ASSUME FOR US ANY OTHER OBLIGATION OR LIABILITY. IN NO EVENT SHALL WE BE LIABLE FOR INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF THIS PRODUCT, OR FOR ANY DELAY IN THE USE OF THIS
PRODUCT DUE TO CAUSES BEYOND OUR CONTROL.

SOME STATES DO NOT ALLOW LIMITATIONS OF HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE
EXCLUSION OR LIMITATION OF CONSEQUENTIAL DAMAGES. THE ABOVE LIMITATIONS ON IMPLIED WARRANTY AND
CONSEQUENTIAL DAMAGES MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

NOTE: FOR YOUR PROTECTION IN THE EVENT OF THEFT OR LOSS OF THIS PRODUCT, PLEASE FILL IN THE INFORMATION REQUESTED
BELOW AND RETAIN WITH YOUR SALES RECEIPT.

MODEL NO.:_____ SERIAL NO.:_____
(LOCATED ON BACK OR BOTTOM OF UNIT)

DATE OF PURCHASE:_____

WHERE PURCHASED:_____ PURCHASE PRICE:_____

Speco Technologies 200 NEW HIGHWAY AMITYVILLE, NY 11701 www.specotech.com	FOR MORE INFORMATION REGARDING SERVICE OR RETURN, CALL US TOLL FREE: 1-800-645-5516 IN METRO NY: 631-957-8700

6/05   ALWAYS USE DISCRETION WHEN INSTALLING VIDEO AND/OR AUDIO SURVEILLANCE EQUIPMENT ESPECIALLY WHEN THERE IS AN EXPECTATION OF
PRIVACY. INQUIRE REGARDING FEDERAL, STATE AND/OR LOCAL REGULATIONS APPLICABLE TO THE LAWFUL INSTALLATION OF VIDEO AND/OR
AUDIO RECORDING OR SURVEILLANCE EQUIPMENT. PARTY CONSENT MAY BE REQUIRED.

speco technologies®

200 New Highway

Amityville, NY 11701

631-957-8700

www.specotech.com

This manual is based on the date as shown in the right and specifications are subject to Change without notice for quality improvement.